

11 Prior Art

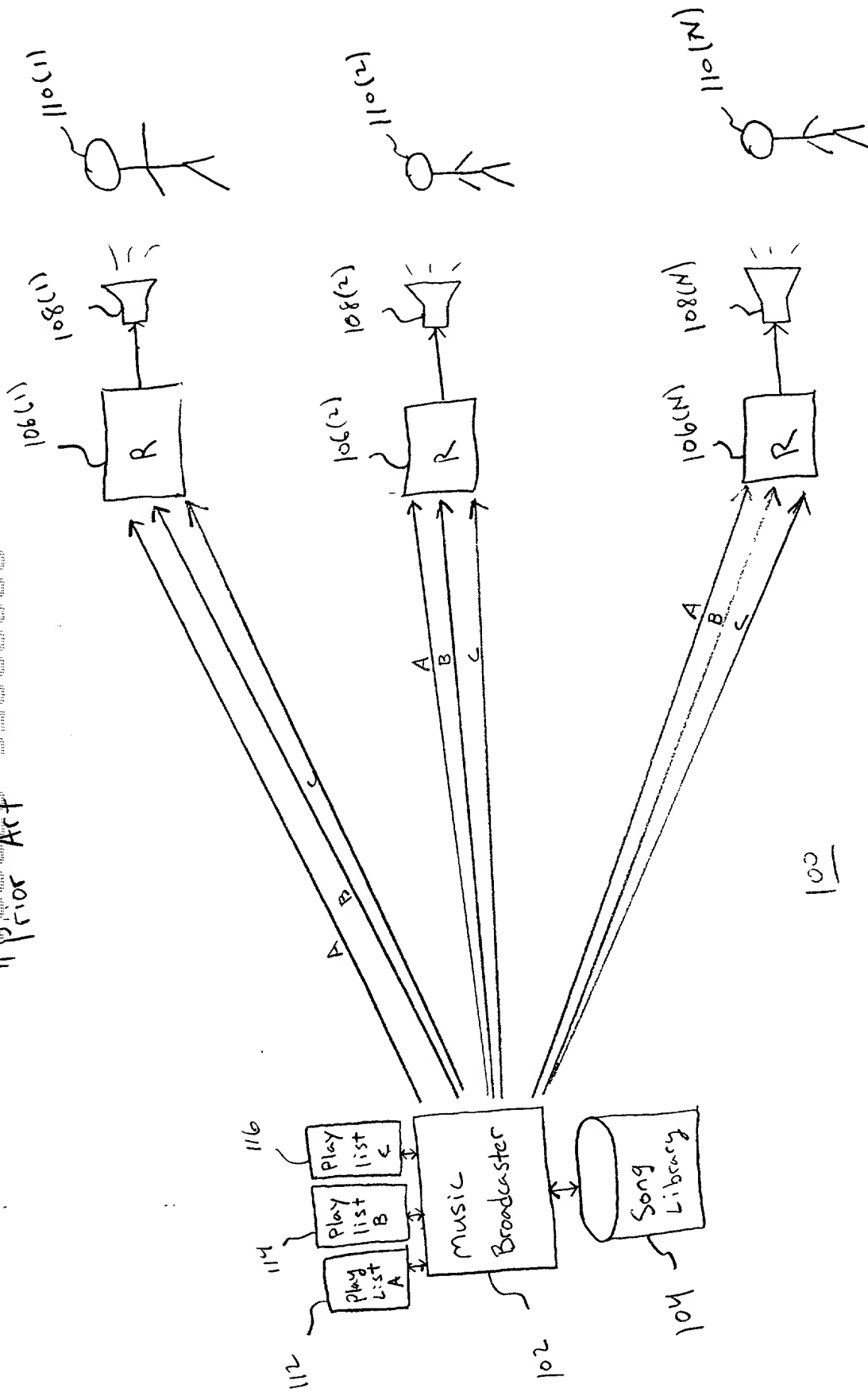


FIG. 1

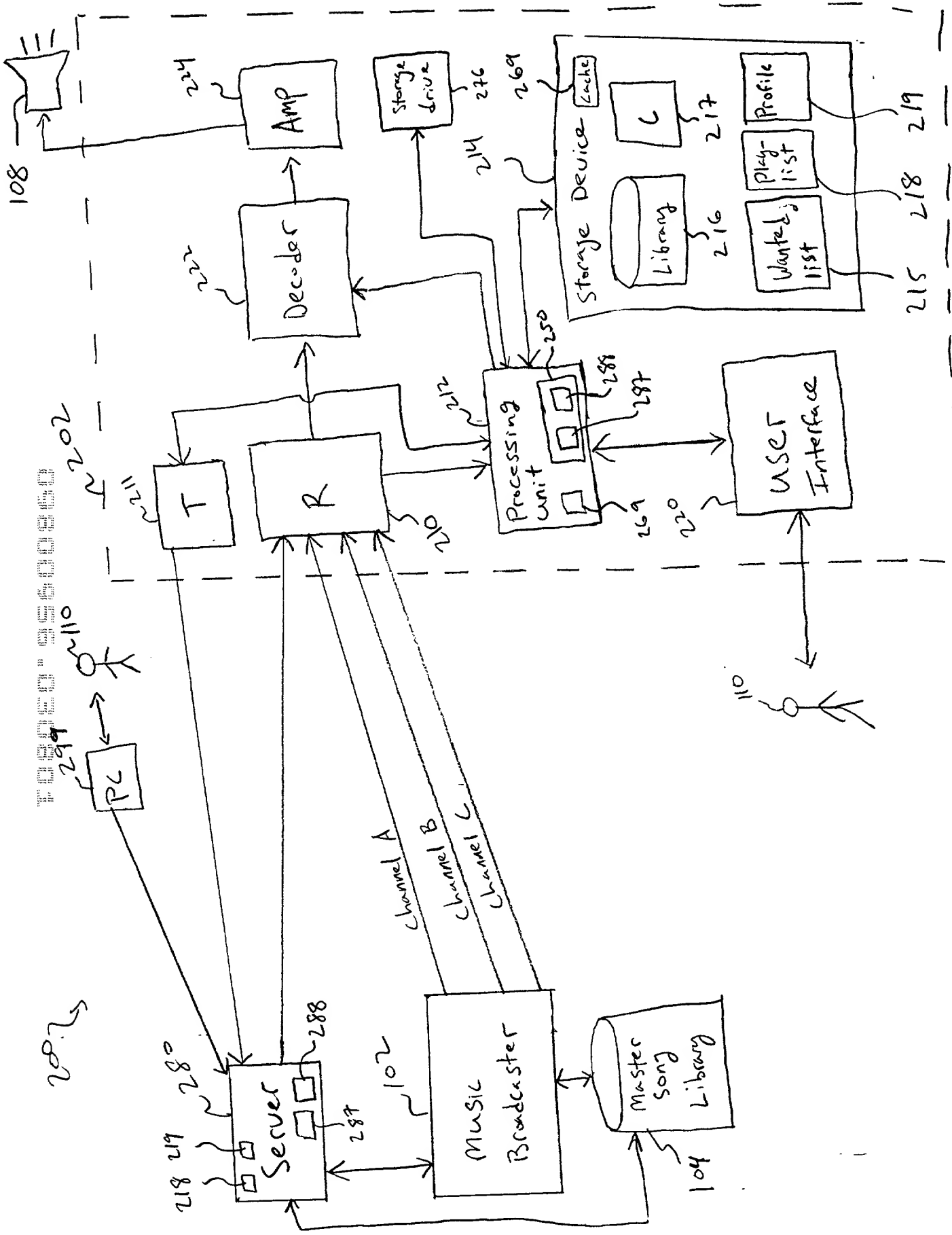


FIG. 2

Profile for Audio channel : Jazz/Blues

~219

Genres	Percentage
Jazz	70%
Blues	30%

~301

Jazz styles	Percentage
style1	35%
style3	60%
style9	5%

302

Blues styles	Percentage
style1	80%
style2	20%

302

Artist	Rating
Name1	3
Name2	2
Name3	2

~303

Song	Rating
Song-title1	3
Song-title2	1

~304

Least favorite artists

Name4, Name5, Name6...

305

Least favorite songs

Song1, Song2, Song3...

306

News categories:

Sports, weather, traffic...

310

News keywords:

"Bill Clinton", keyword2, ...

FIG. 3

8/2/98

Jazz/Blues

Play-list for audio channel:

Sound Recording ID	Genre(s)	Style(s)	Owned by user?	Meta-data
song-title 1	Jazz	style 2 style 5 style 8	No	artist name, Album, date ...
song-title 2	Blues Rock	style 1 style 2	Yes	
...				
song-title N	Jazz	style 1	No	

FIG. 4

2/15

Wanted		list for audio channel:			<u>Jazz/Blues</u>	
Song-Recording ID	Genre(s)	Style(s)	Owned by user?	In Library?	meta-data	
song-title 1	Jazz	style 2 style 5 style 8	No	Yes	artist name, Album	
song-title 2	Blues Rock	style 1 style 2	Yes	Yes		
⋮						
song-title N	Jazz	style 1	No	No		

FIG. 5

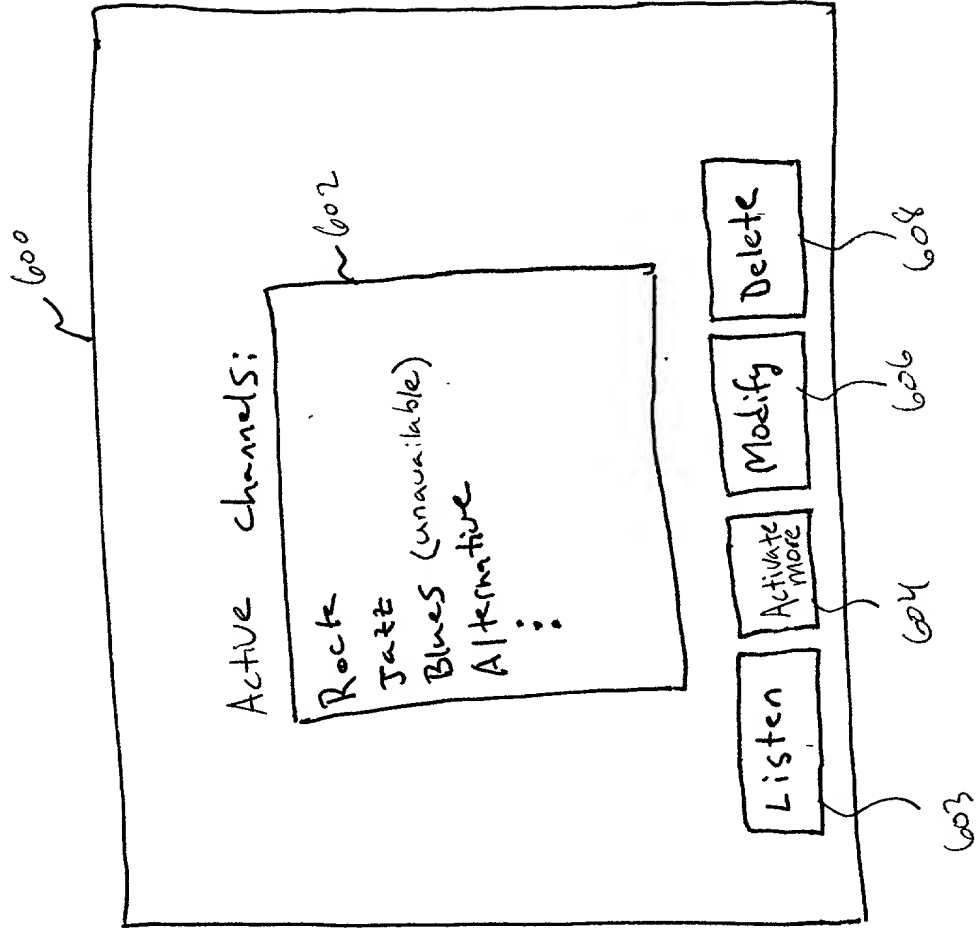


FIG. 6

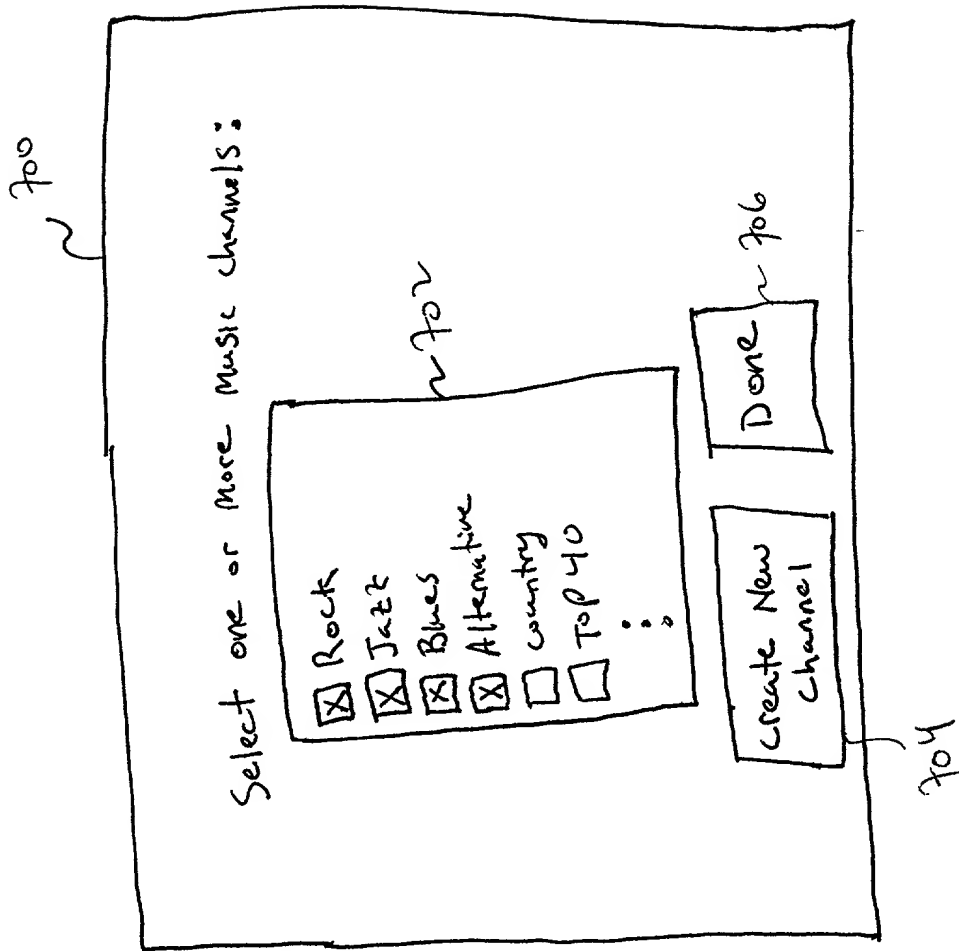


FIG. 7

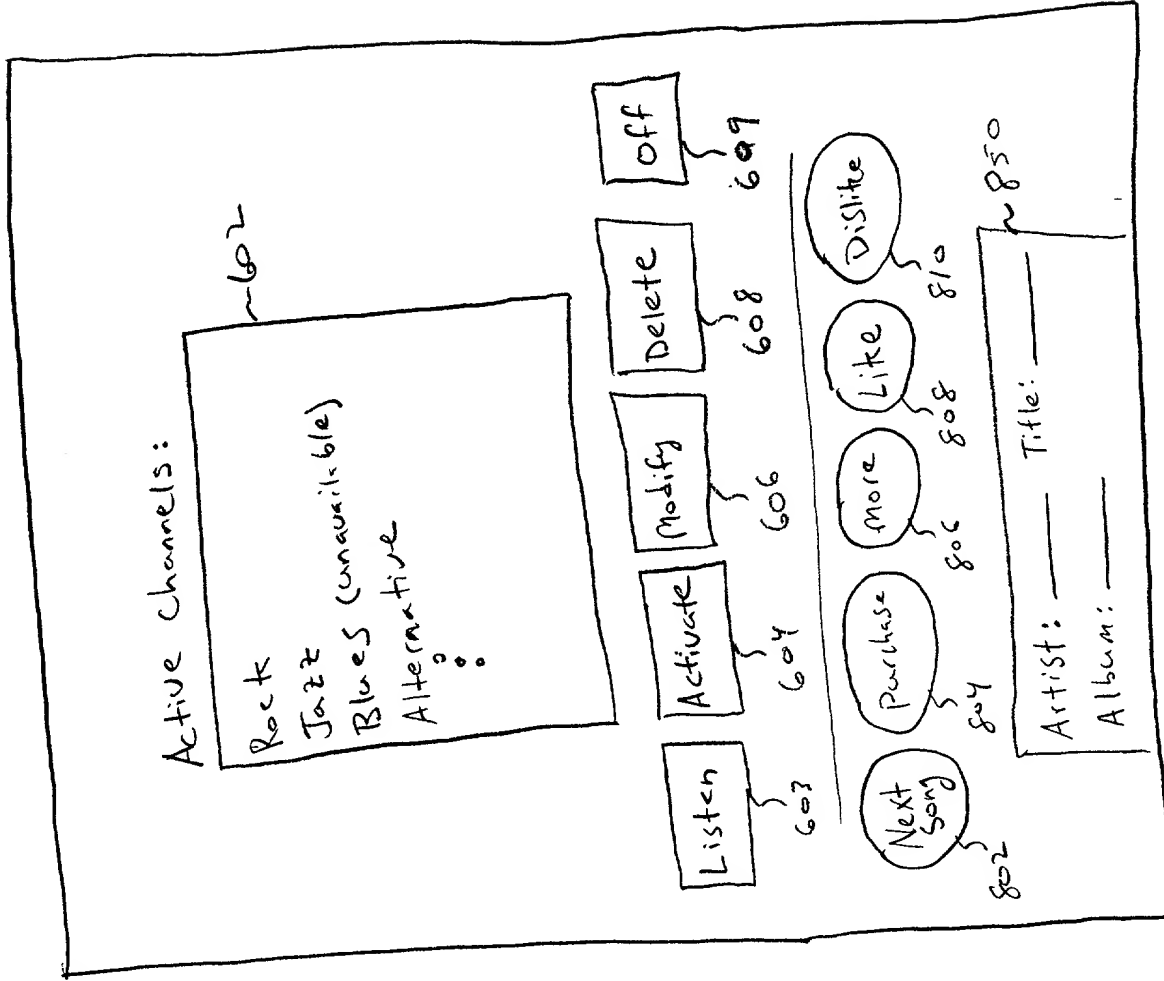


FIG. 8

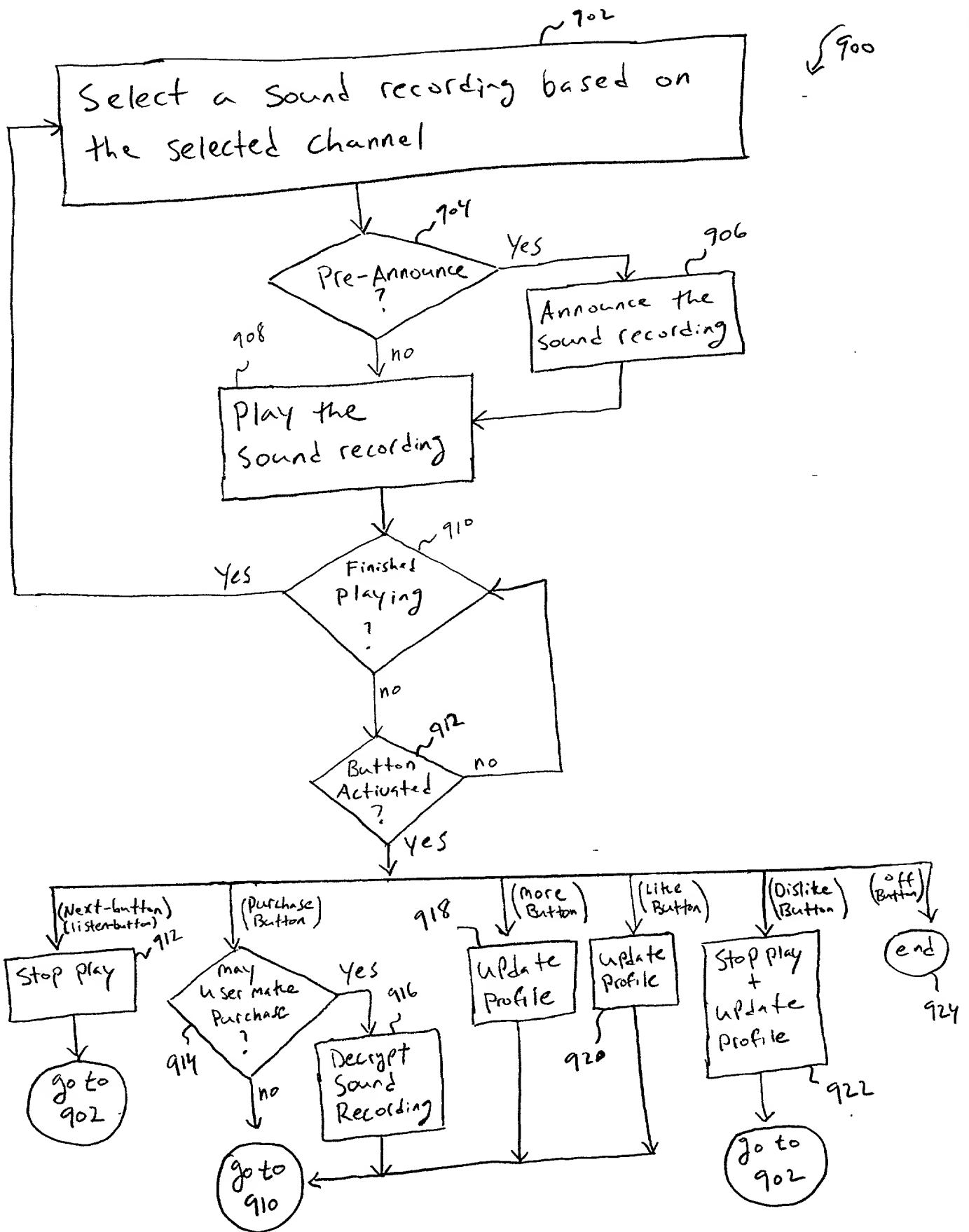


FIG. 9

FIG. 10

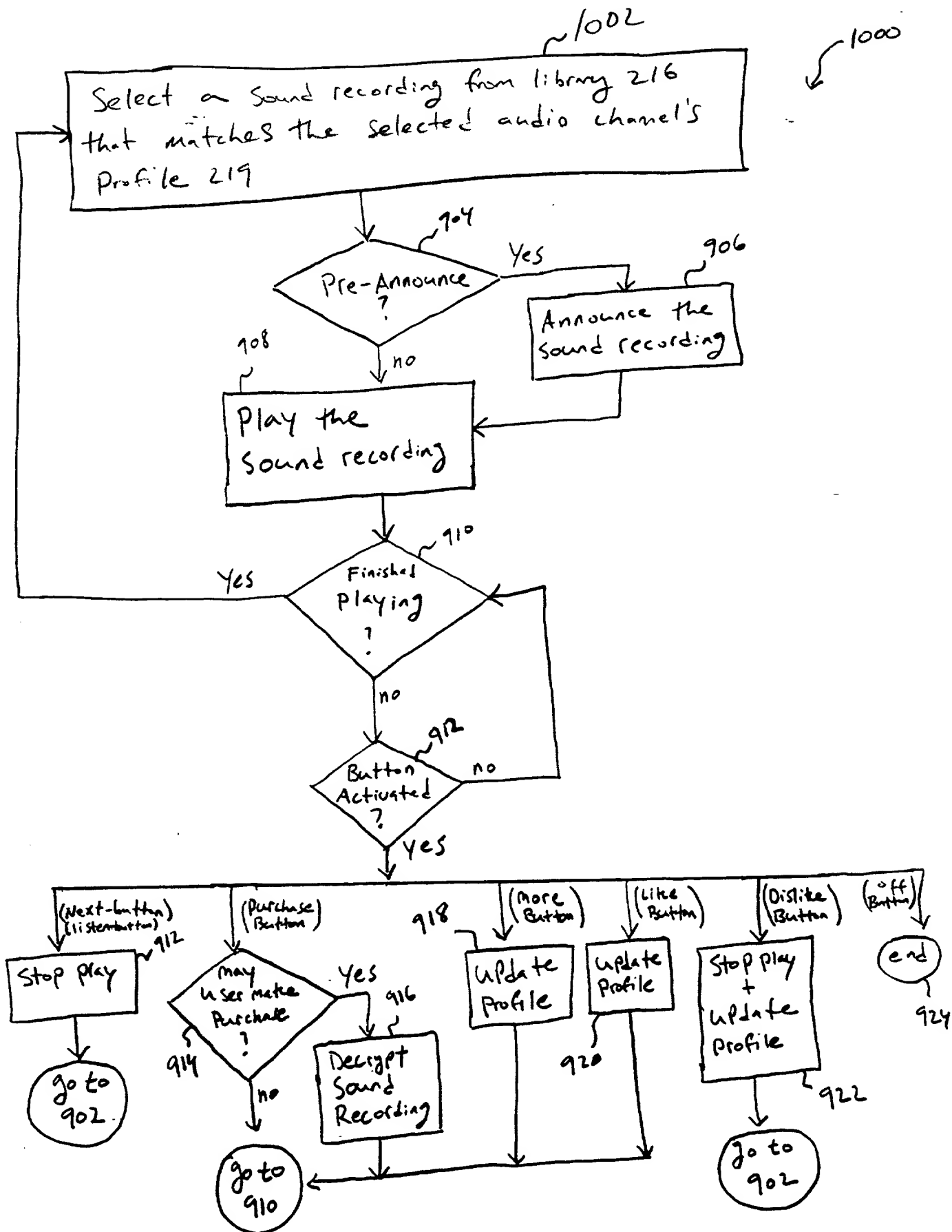
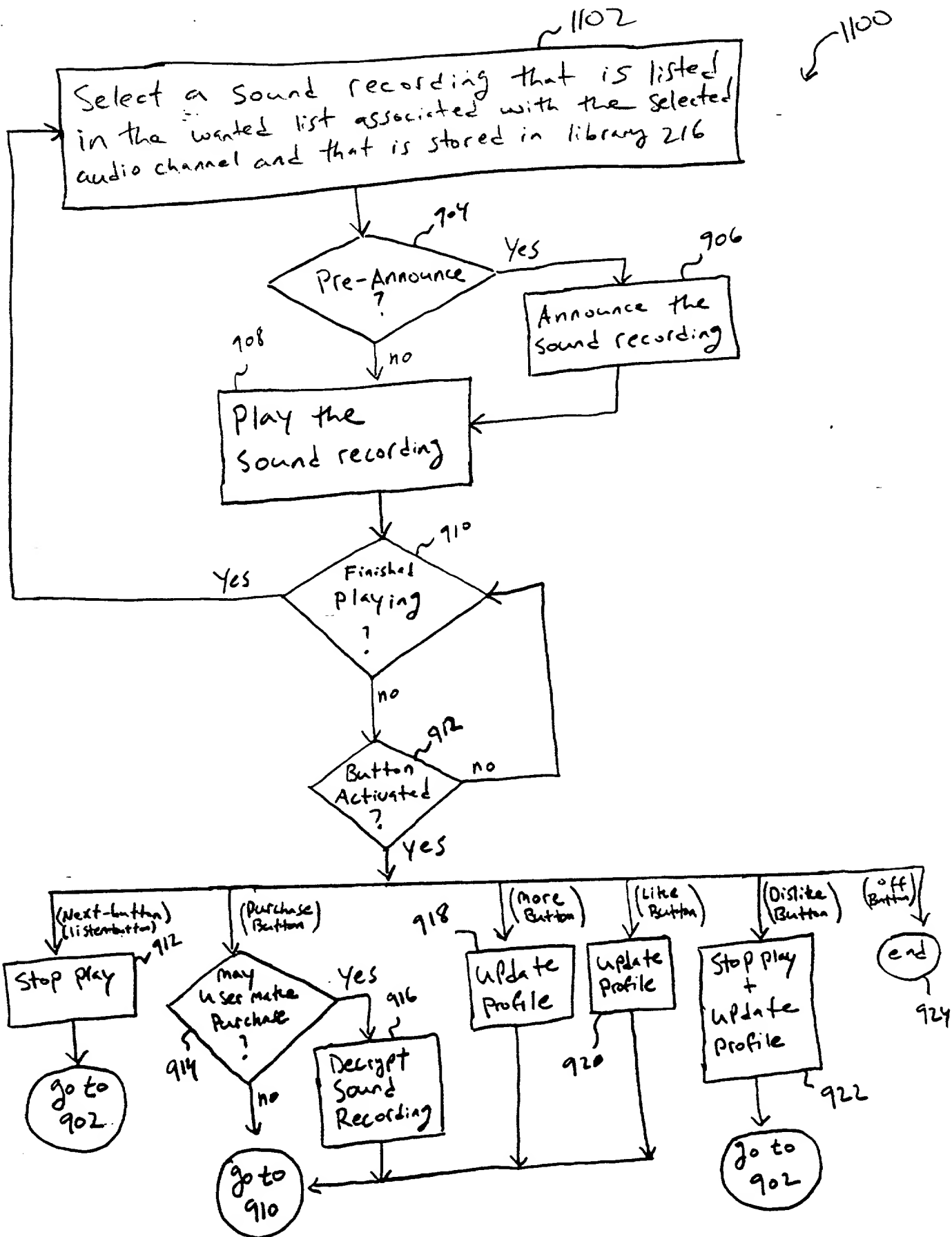


FIG. 10



1202
Select a sound recording from library 216 that matches the selected audio channel's profile

1204
Pre-Announce ?

1205
Announce the sound recording

1206
Play the selected sound recording

1208
Select a sound recording that matches the selected audio channel's profile

1210
Is the sound recording in the library ?

1212
Select a sound recording from library 216 that matches the selected audio channel's profile

1214
Download sound recording from server

1226
Sound Recording Finished Playing ?

1228
Next or dislike button pressed ?

1216
Sound Recording Finished Playing ?

1218
Next or dislike button pressed ?

1220
Downloaded ?

1222
Pre-Announce ?

1230
Pre-Announce ?

1231
Announce sound recording

1232
Play sound recording selected in step 1208

1223
Announce sound recording

1224
Play sound recording selected in step 1212

FIG 12

FIG 12

1302
Select a sound recording that is listed in
sound recording list 215 and that is stored
in Library 216

1204
Pre-Announce ?

Yes

1205
Announce the
sound recording

No

1206
Play the selected sound recording

1308
Select a sound recording from sound
recording list 215

1210
Is the
sound recording
in the library ?

No

Yes

1226
Sound
Recording
Finished
Playing ?

Yes

No

1228
Next
or dislike
button
Pressed ?

1312
Select a sound recording
that is listed in list 215
and that is stored
in Library 216

1214
Download
sound recording
from server

1216
Sound
Recording
Finished
Playing ?

Yes

1220
Downloaded ?

Yes

No

1222
Pre-Announce ?

Yes

1223
Announce
Sound
Recording

1230
Pre-Announce ?

Yes

No

1231
Announce
Sound
recording

1232
Play sound recording
selected in step
1308

1218
Next
or dislike
button
Pressed ?

Yes

1224
Play sound
Recording
Selected in
step 1312

FIG. 13

FIG. 14

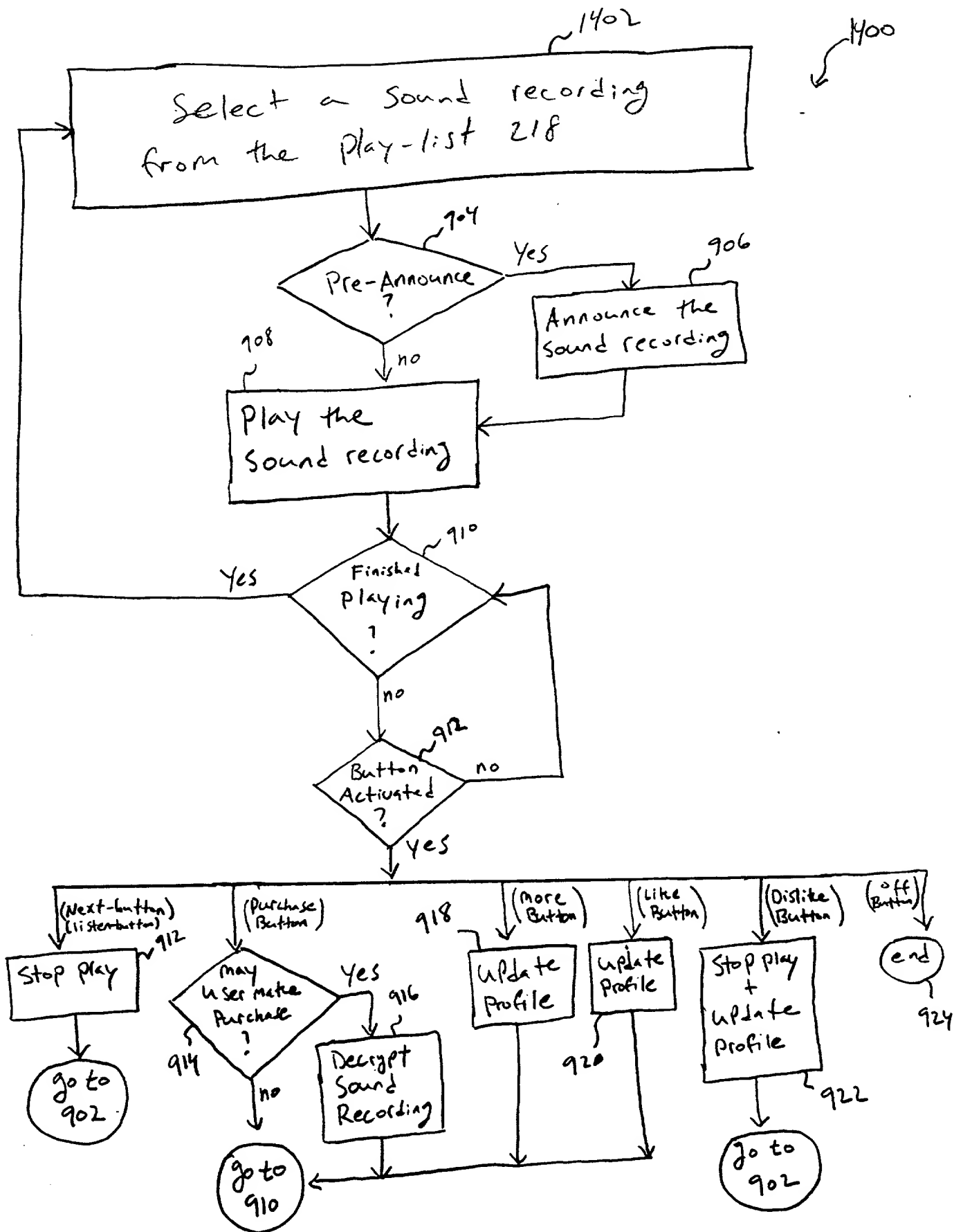


FIG. 14

1500

Create/Modify a Profile

Channel Name: 1502

Genres: (select one or more genres)

☐ Rock ☐ Alternative ☐ Country

☒ Blues ☒ Jazz ☐ Top 40

☐ Easy listening ☐ 80's music

Genre EQ: 1505

Favorite Artists: 1506

Least Favorite Artists: 1507

Favorite Songs: 1508

Least favorite Songs: 1509

News Categories: 1510

New keywords: 1511

1590

FIG. 15

1600

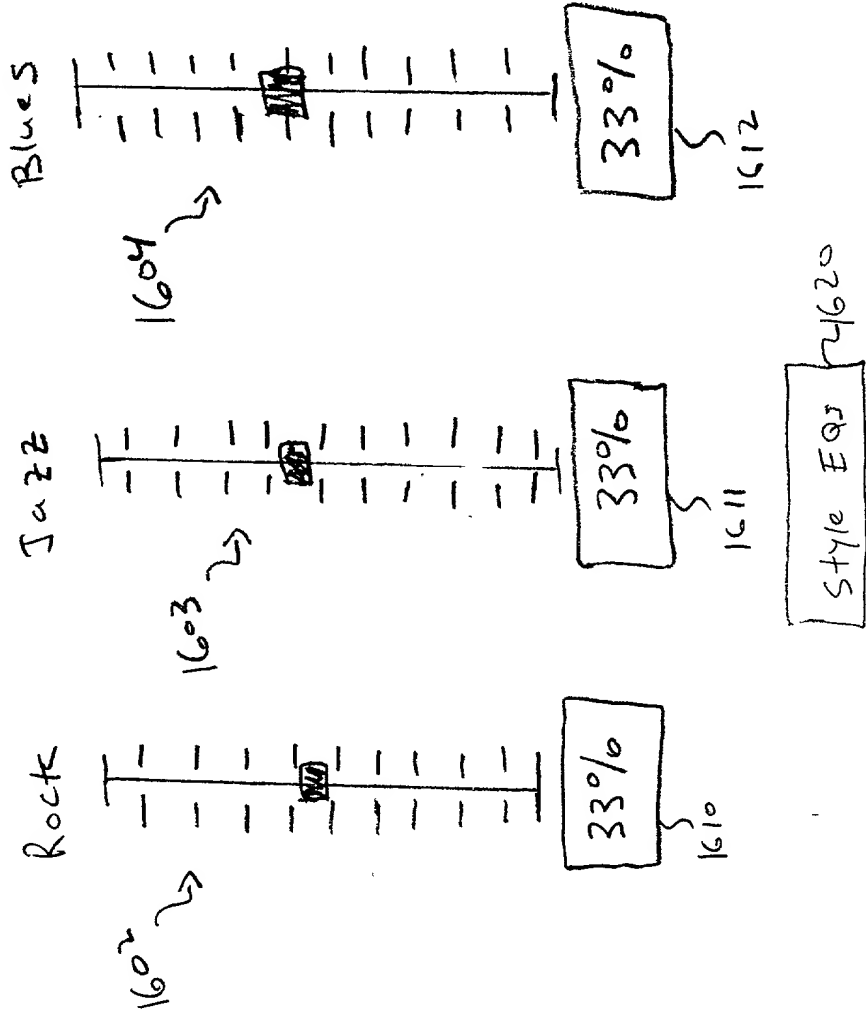


FIG. 16

1700

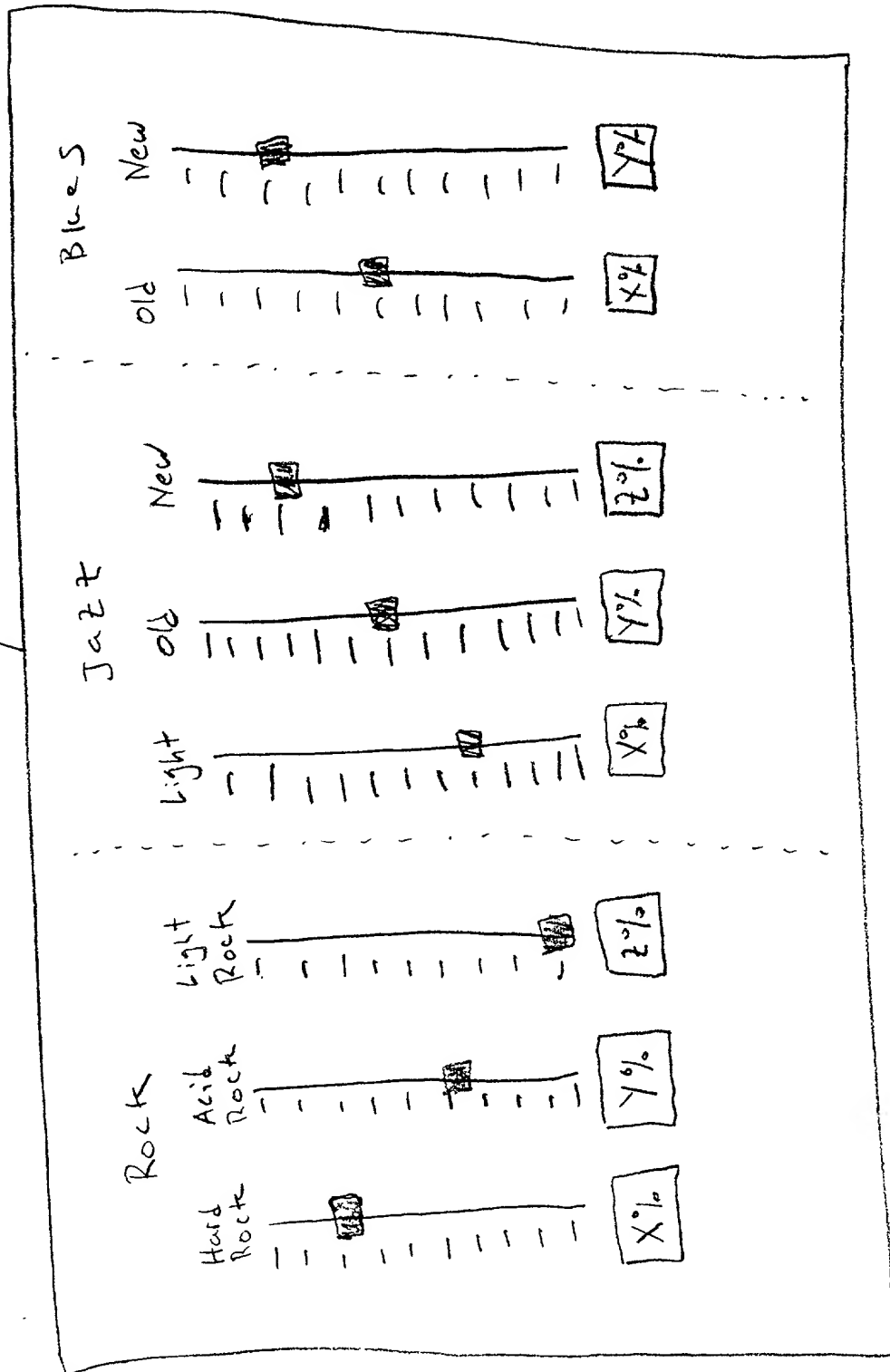


FIG. 17

FIG. 18

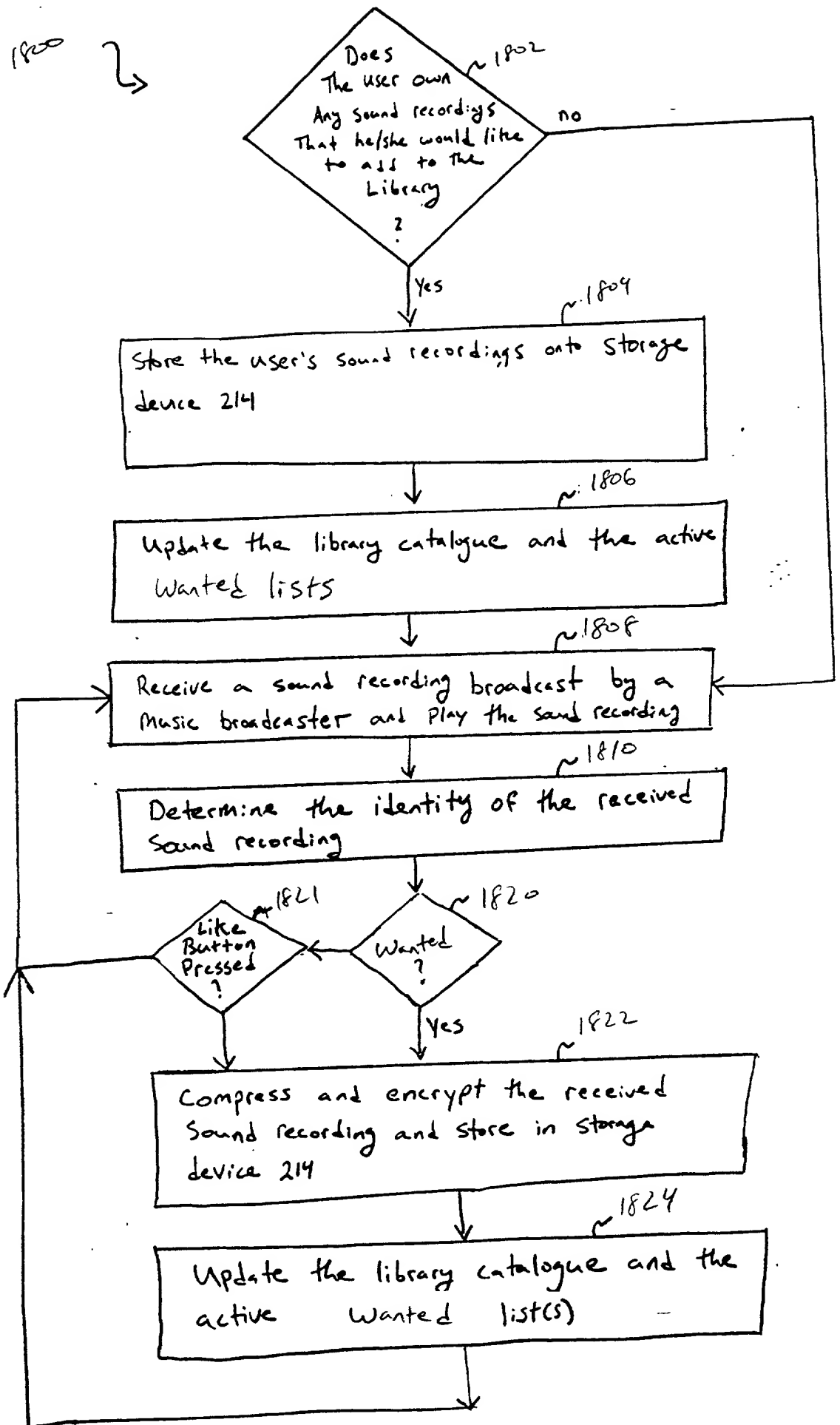


FIG. 17

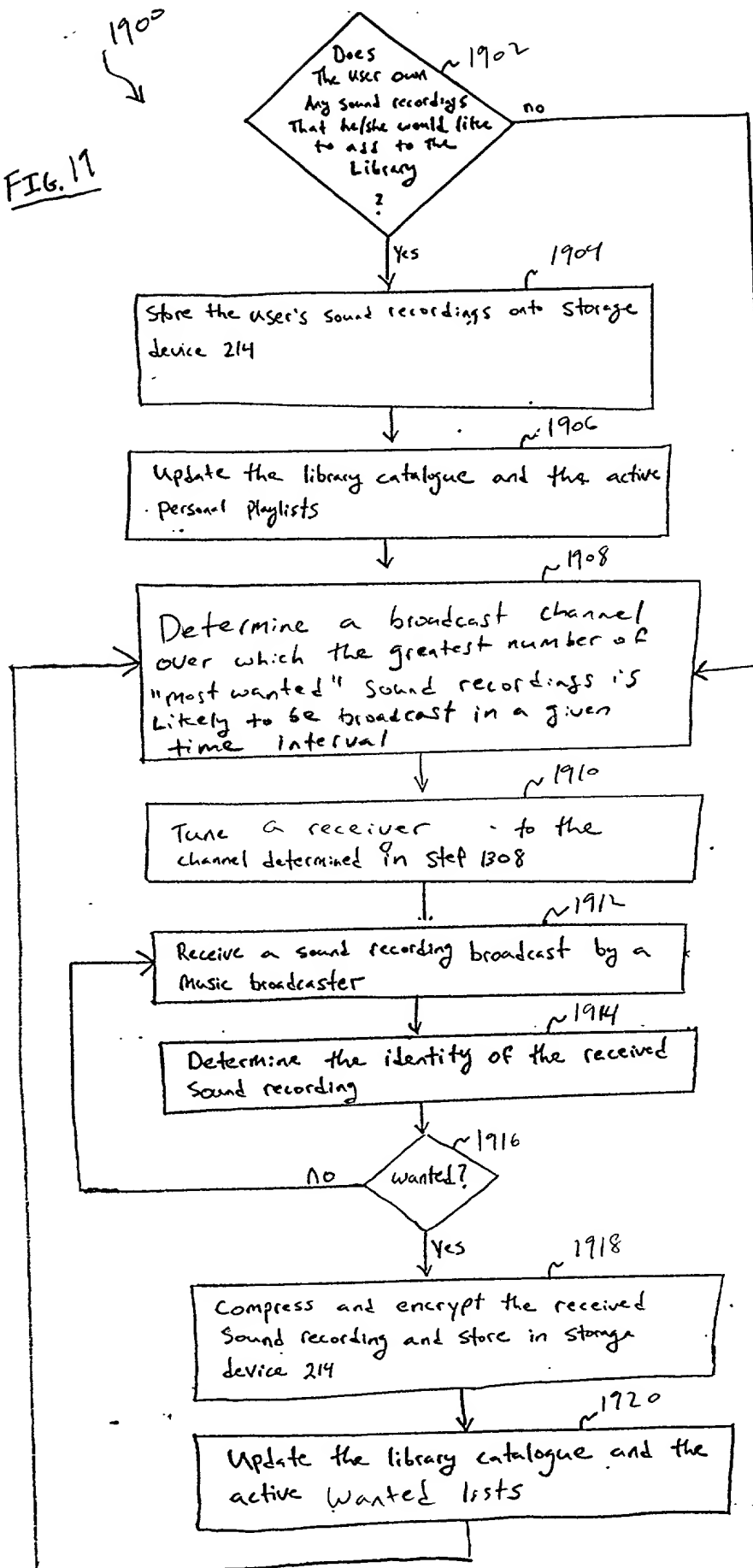


FIG. 20

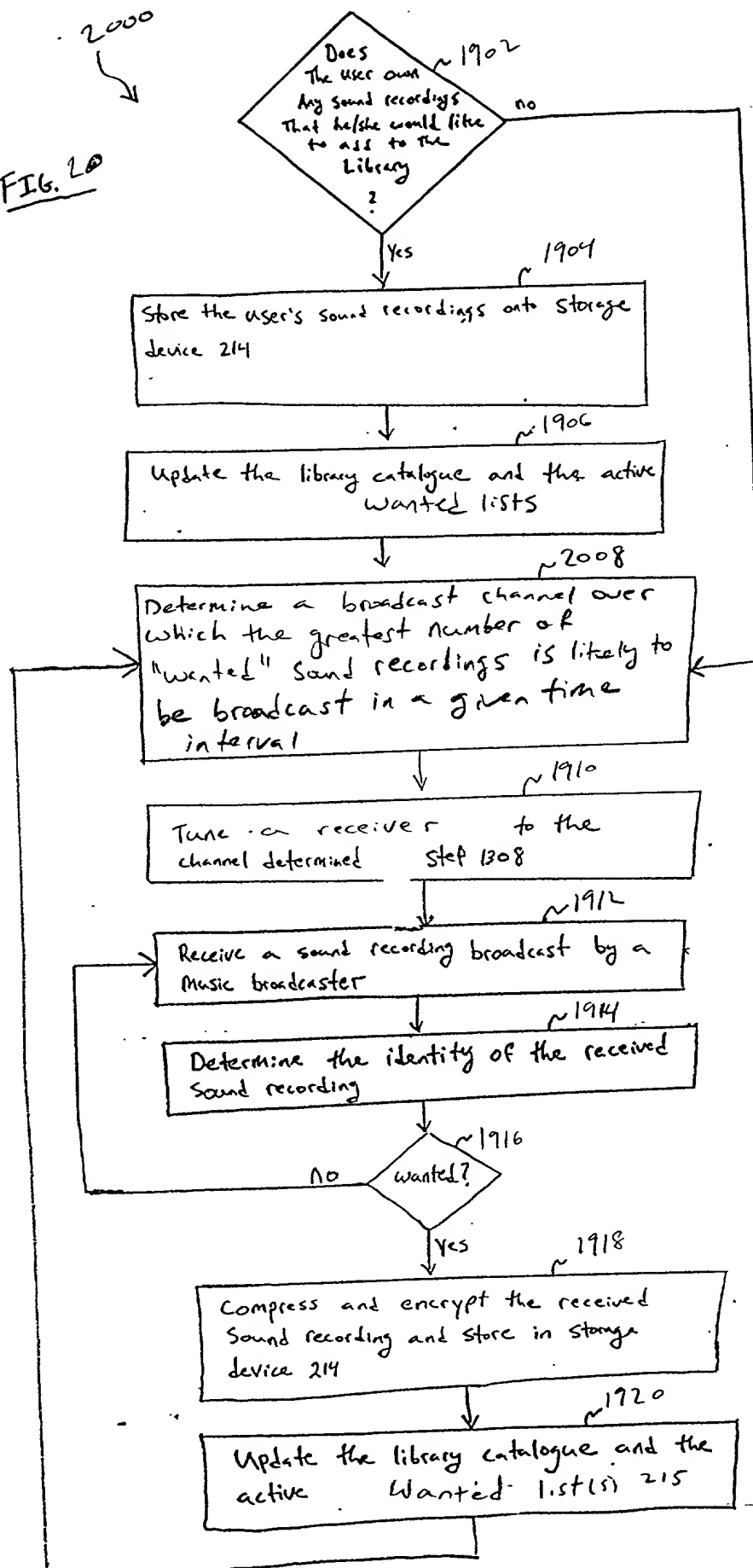
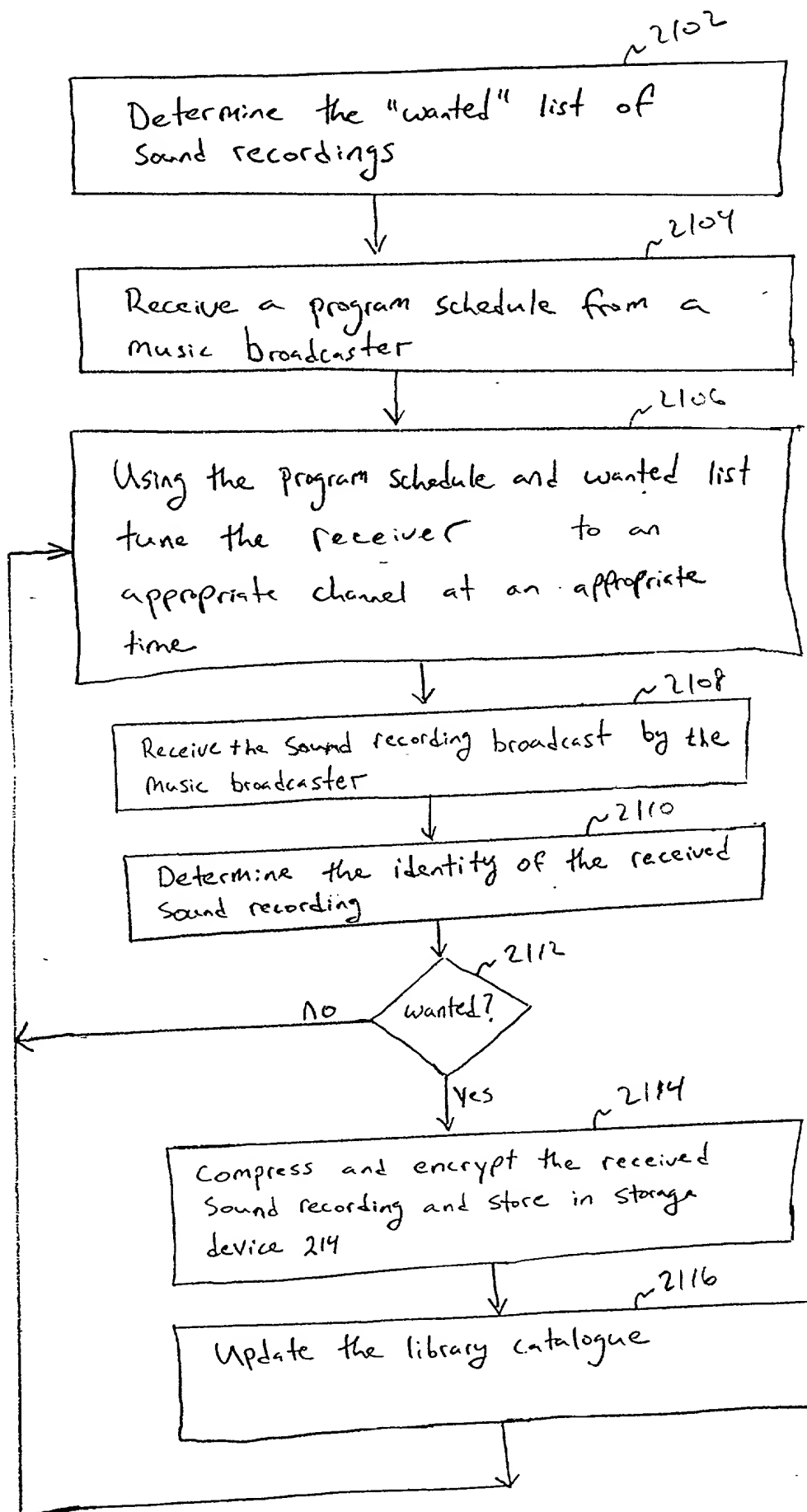


FIG. 21



2200

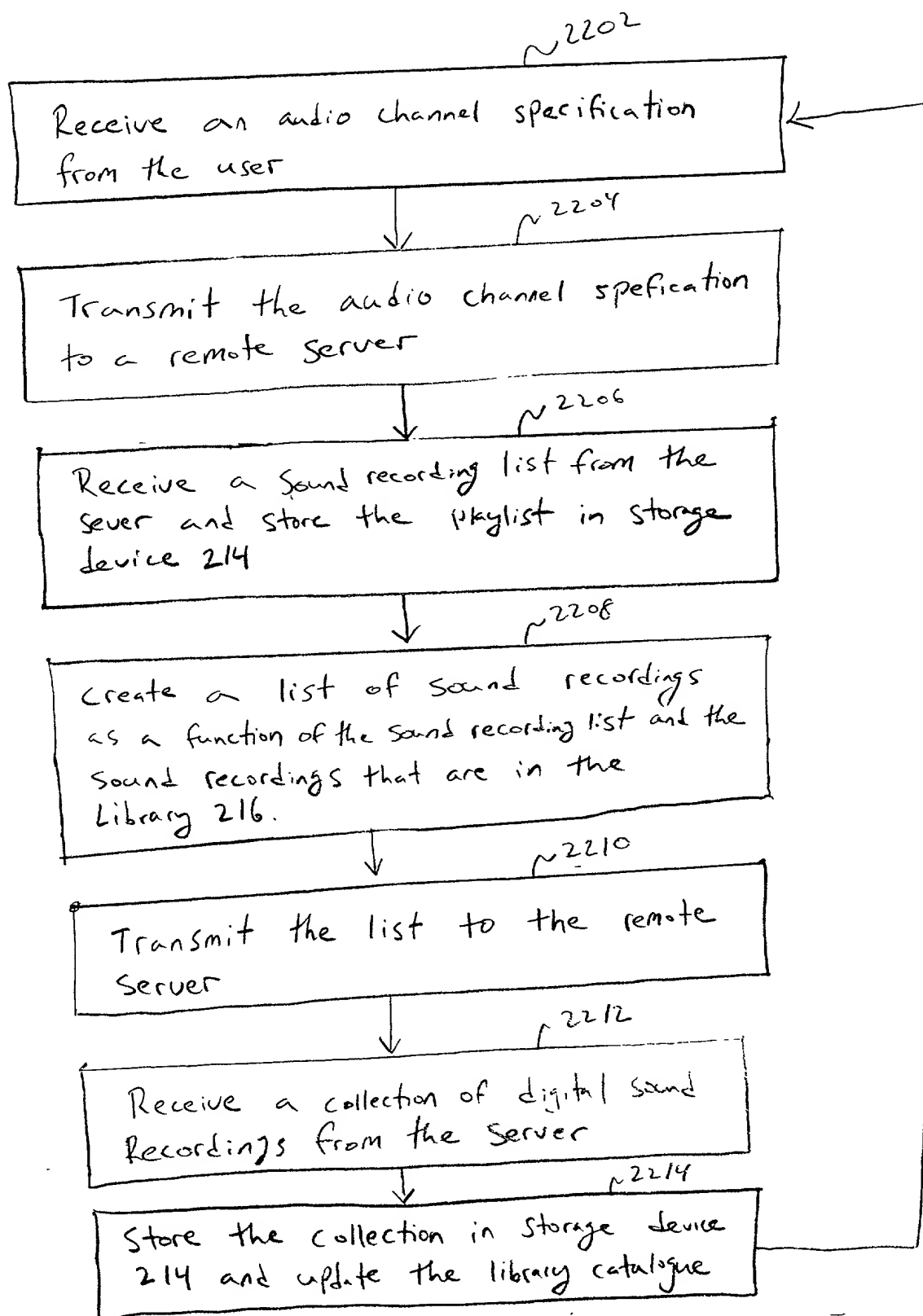


FIG. 22

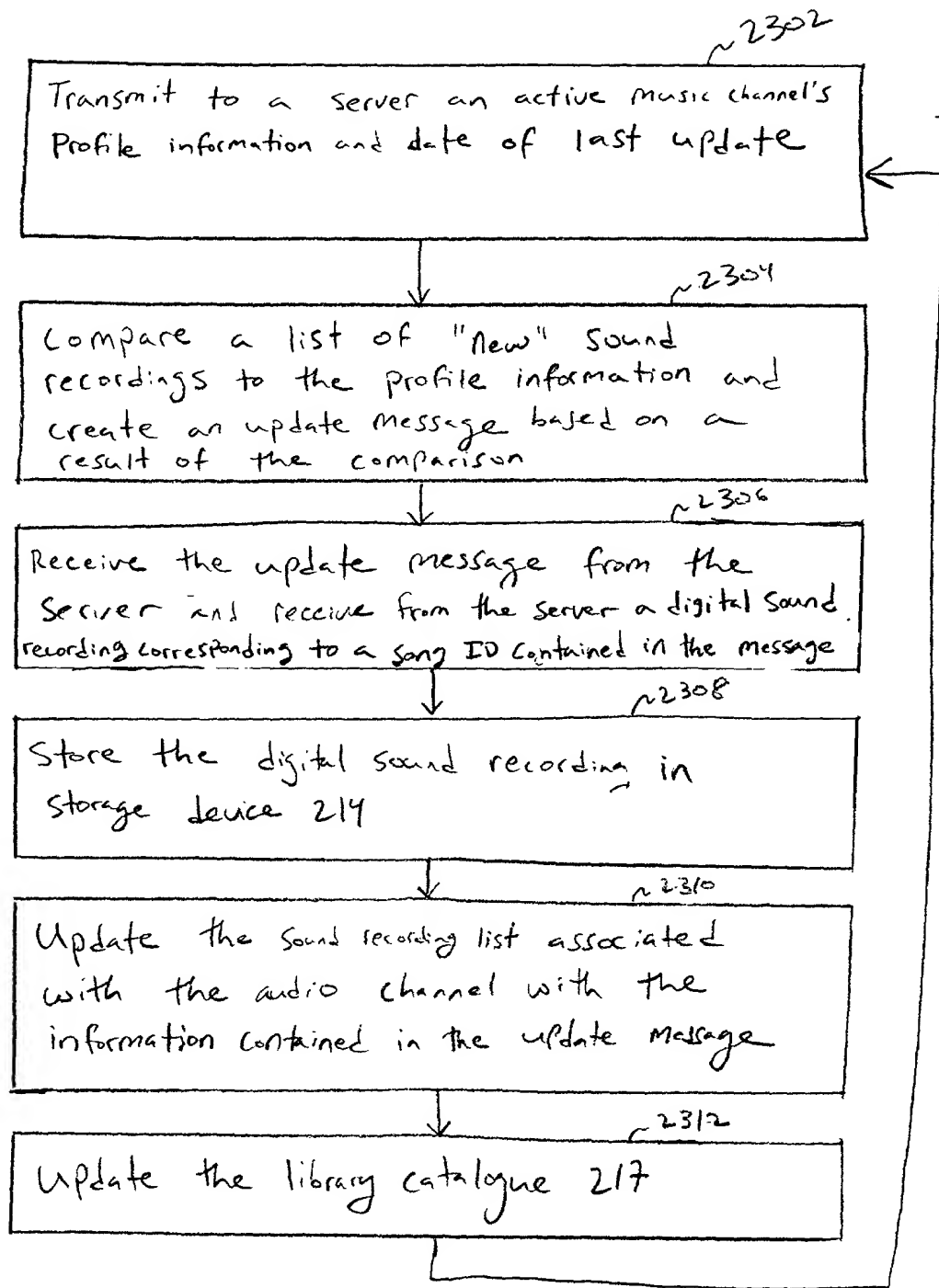


FIG. 23

2400
↓

Music Channel	Master playlist	State
Rock	Rock-playlist	Active
Jazz	Jazz-playlist	Active
⋮	⋮	⋮

2402(1) 5

2404(2) 5

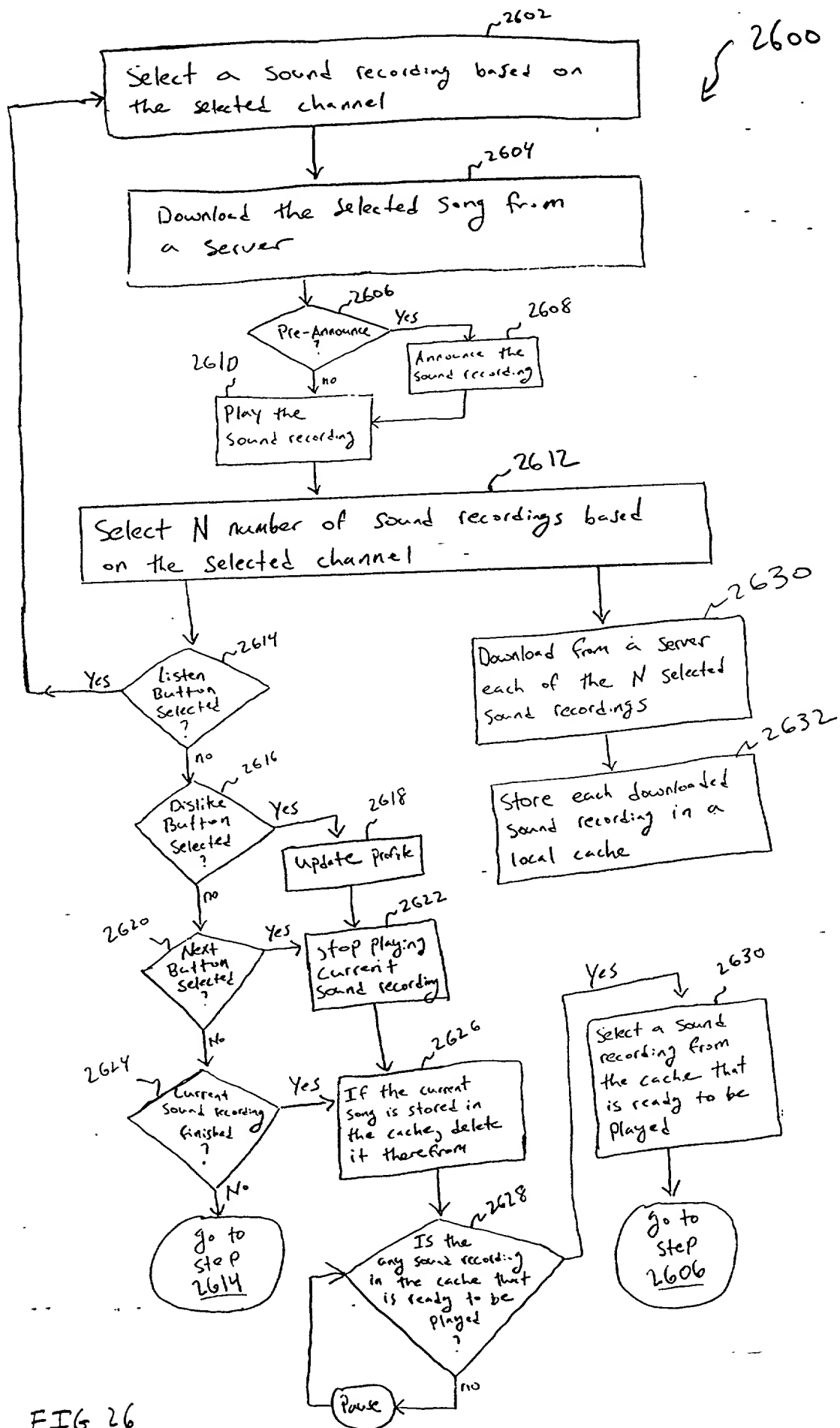
FIG. 24

217

Library catalogue

Sound Recording ID	Location	Owned by User	Genre(s)	Style(s)
Song-title 1	c:/Library	Yes	Genre(1) Genre(2)	style1 style2 style3
Song-title 2	c:/Library	No	Genre(5)	style4
:	.	.		.
:	.	.		.

FIG. 25



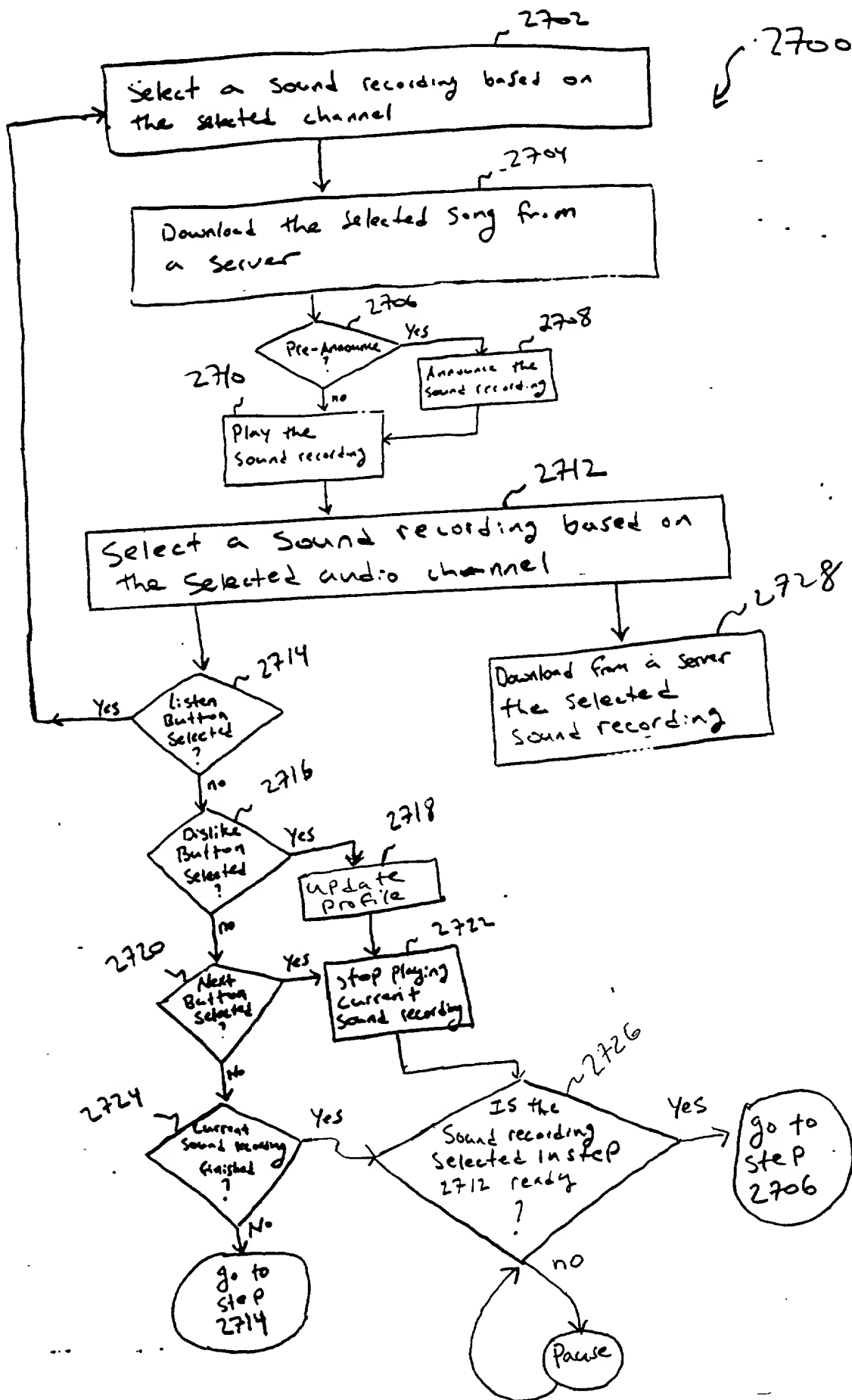


FIG 27

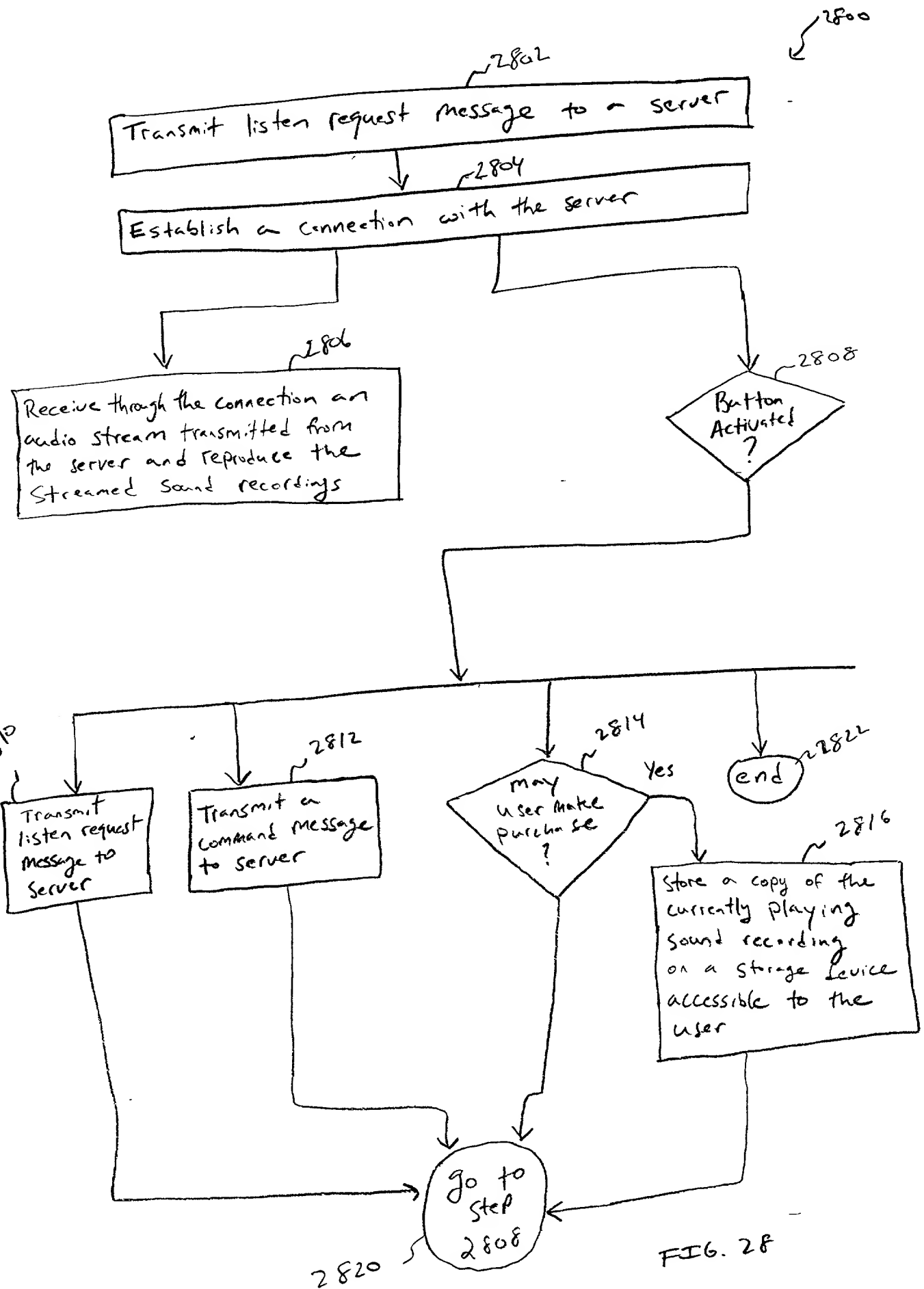


FIG. 28